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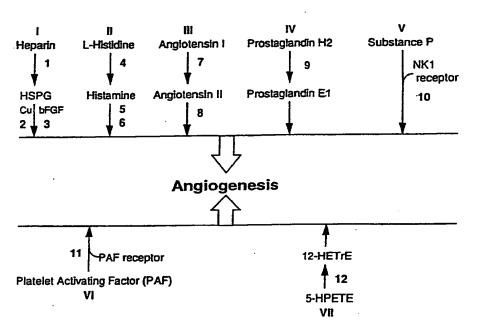
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(88) Date of publication of the international search report: 21 November 1996 (21.11.96)

(54) Title: USE OF ANGIOGENESIS SUPPRESSORS FOR INHIBITING HAIR GROWTH



(57) Abstract

A method of inhibiting hair growth in a mammal includes applying, to an area of skin from which reduced hair growth is desired, a dermatologically acceptable composition containing a non-steroidal suppressor of angiogenesis.

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Inte onal Application No PCT/US 96/02790

CLASSIFICATION OF SUBJECT MATTER PC 6 A61K7/96 A61K7/48 IPC 6 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 6 **A61K** Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ' Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X CARCINOGENESIS, 1,75,77, 80,81 vol. 15, no. 12, 1994, pages 2739-2745, XP000577801 A. G. USHMOROV ET AL: "Effects of complete and incomplete tumor promoters on hair growth, angiogenesis, and tenascin expression in the skin of NMRI mice" see page 2743, left-hand column, line 28 line 39 X 1.75,77, WO,A,94 04143 (ALCON LABORATORIES) 3 March 80,81 see page 10, line 12 - page 11, line 11 Y 1,2,33, WO,A,90 12577 (UPJOHN COMPANY) 1 November 34,75, 77,80,81 see claims 1,10 X Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date. "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 17, 10, 96 10 October 1996 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL - 2220 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,

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Int onal Application No PCT/US 96/02790

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.			
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Y	CHEMICAL ABSTRACTS, vol. 120, no. 25, 20 June 1994 Columbus, Ohio, US; abstract no. 315349w, N. M. NGUYEN ET AL: "Pentosan inhibits angiogenesis in vitro and suppresses prostate tumor growth in vivo" page 39; XP002015644 see abstract & ANTICANCER RESEARCH, vol. 13, no. 6a, 1993, pages 2143-2147,	1,2,33, 34,75, 77,80,81	
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Form PCT/ISA/210 (continuation of second sheet) (July 1992)

Inte onal Application No PCT/US 96/02790

	ion) DOCUMENTS CONSIDERED TO BE RELEVANT		Instrument state St	
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A	THE JOURNAL OF INVESTIGATIVE DERMATOLOGY, vol. 96, no. 2, February 1991, pages 191-195, XP000600560 G. E. WESTGATE ET AL: "Distribution of proteoglycans during the hair growth cycle in human skin" see page 191		1,2,33, 75,77, 80,81	
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	see claims 1,81	s		
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Ir sational application No.

PCT/US 96/02790

Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sneet)
This inter	national search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
1	Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
1	Please see annex
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Inter	rnational Searching Authority found multiple inventions in this international application, as follows:
1: 🔲	As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2.	As all searchable claims could be searches without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
з. 🔲	As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark (on Protest The additional search fees were accompanied by the applicant's protest.
	No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/210

As the drafting of the claims is not clear and concise (Art.6, PCT) and encompasses such an enormous amount of products, a complete search is not possible on economic grounds (See Art. 17(2) (a) (ii), PCT). Guided by the spirit of the application and the inventive concept as disclosed in the descriptive part of the present application the search has been based on the examples.

Claims searched completely: 31,32,34,35,37,38,40,43,47-50,52,53,65 Claims searched incompletely: 1-30,33,36,39,42,46,51,54,64,66,72,74-82 Claims not searched: 41,44-45,55-63,67-71,73

Information on patent family members

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